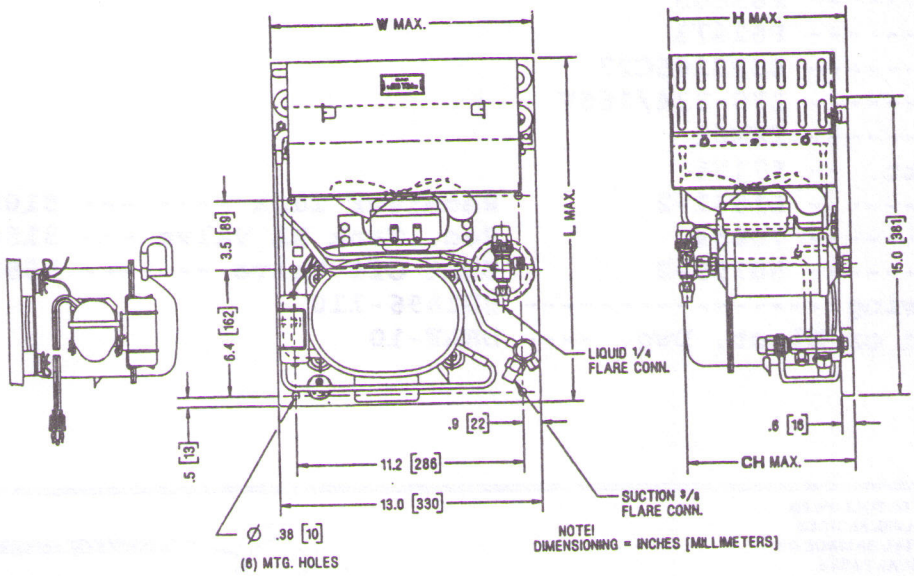
TECUMSEH HERMETIC CONDENSING UNITS

Date: April 1, 1997

MODEL AEA9423EXAXB (Formerly AE9423EB) R-22 1/4 HP AIR COOLED



Model	Dimensions				*Line Connection		Pumpdown 90 ° F 90% Full	Air CFM	Oil Chg oz.	Gr. Wt. Lbs.
	L	W	H	CH	Suct.	Liq.				
AEA9423EXAXB	17.9	13.0	9.0	8.5	3/8 F	3/8 F	3.4#	210	10	51

*F=Flare, S=Solder, RF or RS= Rotolock Valve with Flare or Solder Connections
Factory charge: 20 psig nitrogen - **MUST BE EVACUATED**

Approved Evap. Range		Ambient								
		90° F			100° F			110° F		
°F	PSIG	BTUH	Watts	Head	BTUH	Watts	Head	BTUH	Watts	Head
-10	16.5	—	—	—	—	—	—	—	—	—
-5	20.0	1240	345	210	—	—	—	—	—	—
0	24.0	1430	365	215	—	—	—	—	—	—
5	28.2	1630	385	220	—	—	—	—	—	—
10	32.8	1840	405	225	—	—	—	—	—	—
15	37.7	2060	430	235	1860	445	260	—	—	—
20	43.0	2300	455	240	2070	470	270	—	—	—
25	48.8	2580	485	250	2320	500	280	—	—	—
30	54.8	2860	510	260	2580	530	290	—	—	—
35	61.5	3190	540	270	2880	560	300	2570	585	325
40	68.5	3560	570	275	3220	595	310	2880	620	345
45	76.0	4010	600	285	3530	625	320	3250	655	360

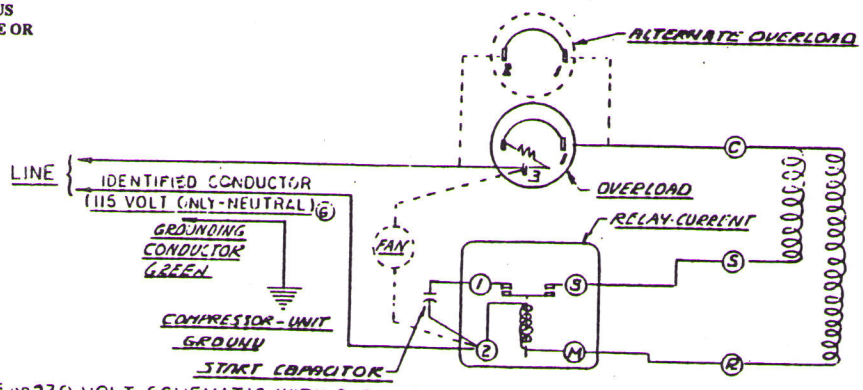
Return gas temp. 20 ° F max superheat above 20°F evap,
40°F max below 20°F evap, 5°F subcooling

Date: 4-1-97

SPECIFICATIONS	AEA9423EXAXB
Nominal Voltage	115-60-1
Unit B/M	2C358-9
Voltage Range	126.5 to 103.5
Min. Circuit Ampacity	8.1
Max. Fuse Size (Amps)	15
Compressor Model	AEA9422EXA
Bill of Material	AE172AT-900
RLA/LRA	6.1/40.0
Fan RLA	.50
ESP Overload	P83503
ESP Relay	P82473
Start Cap.	85PS165C27
Rating	270-324/165V
Fan Motor	TFM61
Fan Motor Brckt.	57156
Fan Blade	51531-2
Shroud	70854
Condenser	50795-2
Unit Drawing	SU1896-110
Schematic or Elect. Dwg.	DEAE-10

Receiver Tank	51080
Rec. Tank RL Valve	31584 (1/4"F)
Shut Off Valve	56533 (3/8")

WARNING-WIRING DIAGRAM MUST BE FOLLOWED AS SHOWN. ANY MISWIRING CAN CAUSE SERIOUS ELECTRICAL HAZARD AND POTENTIAL DAMAGE OR RUPTURE OF COMPONENT ELECTRICAL PARTS.



115 OR 230 VOLT SCHEMATIC WIRING DIAGRAM-CSIR

1. WHEN FAN IS USED HOOK UP AS SHOWN.
2. IDENTIFIED CONDUCTOR-MAY BE WHITE OR RIBBED (115 VOLT ONLY-NEUTRAL).
3. ASSEMBLE PARTS AS SHOWN IF SPECIFIED ON B/M.

DEAE-10

J.L. Listed ----------File #SA2372 ----------Card Guide #SGYU
CSA Certified ----------Canadian File #12964C ----------USA File #8873C